

Query/Command : PRT SS 1 MAX 1-5

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1/1 WPIL - ©Derwent

**Accession Nbr :**

1989-340823 [47]

**Sec. Acc. CPI :**

C1989-151074

**Title :**

Paper polishing - has roller to press web against a smooth surface for a friction polishing action

**Derwent Classes :**

F09

**Patent Assignee :**

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**Priority Details :**

1988DE-3815446 19880506

**IPC s :**

D06C-015/00 D21G-001/00

**Abstract :**

DE3815446 A

To give a polished surface to a paper web, it passes round a roller while it is pressed against a surface profiled to match the roller shape. This concave surface is polished, and acts on the paper for a length of travel of at least 20 mm.

The polished friction surface can be on a pliable mounting. After the polishing stage, the web is supported and drawn out. The web surface to be polished is moistened and/or heated before the friction polishing action. While the polished surface is being made, it is tempered, as is the roller. The positions of the roller and the polished surface are varied in relation to each other, either steadily or intermittently, to present different zones of the surface, round the roller circumference or axially.

**ADVANTAGE** - The method gives a polished surface to paper webs travelling at high speeds, in a simple appts. (0/6)

**Manual Codes :**

CPI: F05-A04C

**Update Basic :**

1989-47

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